1. Record Nr. UNINA9910789068403321 Autore Dale Andrew I Titolo Arthur L. Bowley [[electronic resource]]: a pioneer in modern statistics and economics / / Andrew I. Dale, Samuel Kotz Singapore, : World Scientific, c2011 Pubbl/distr/stampa **ISBN** 1-283-23456-4 9786613234568 981-283-551-2 Descrizione fisica 1 online resource (542 p.) Altri autori (Persone) KotzSamuel Disciplina 519.5 519.5092 Soggetti Mathematical statistics Economics - Statistical methods Social sciences - Statistical methods Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Description based upon print version of record. Nota di bibliografia Includes bibliographical references and index. Nota di contenuto Preface: Acknowledgements: Contents: Chapter 1 Biography: 1.1 Introduction: 1.2 Education: 1.3 Early career, family & friends: 1.4 Later career; 1.5 Professional activities; 1.6 Retirement; Chapter 2 Social Statistics: 2.1 Introduction: 2.2Livelihood and Poverty: 2.3Measurement of Social Phenomena; 2.4Has Poverty Diminished?; 2.5New Survey of London Life and Labour; 2.6Consequences of the Great War; 2.7Aspects of population tendency; Chapter 3 National and Official Statistics; 3.1 Introduction; 3.2 Early papers; 3.3 Statistical Studies; 3.4 Official Statistics; 3.5 National Income Chapter 4 Wages and Incomes 4.1 Introduction; 4.2 Early Papers; 4.3 Wages in the United Kingdom; 4.4 Prices and Wages, 1914-1920; 4.5 Wages and Income since 1860; 4.6 RSS presidential address; Chapter 5 Miscellaneous Books; 5.1 Introduction; 5.2 England's Foreign Trade; 5.3 British Trade in Wartime; 5.4 The Third Winter of Unemployment; 5.5 Is Unemployment Inevitable?: 5.6 Economic Census of India: Chapter 6 Statistical Papers; 6.1 Introduction; 6.2 Averages; 6.3 On goodness-of-

fit; 6.4 The double median; 6.5 Inference from sample to population;

6.6 Statistics in economics

Chapter 7 Statistical Books7.1 Introduction; 7.2 Elements of Statistics; 7.3 Groups and Series; 7.4 An Elementary Manual of Statistics; Chapter 8 Index Numbers; 8.1 Introduction; 8.2 Papers on index numbers; 8.3 Other indices; Chapter 9 Sampling; 9.1 Introduction; 9.2 Representative Sampling; 9.3 Bowley's memorandum on sampling; 9.4 The application of sampling; Chapter 10 Economics; 10.1 Introduction; 10.2 Economic statistics; 10.3 Mathematical Groundwork; Chapter 11 Mathematics; 11.1 Introduction; 11.2 Kinetic energy; 11.3 Mathematics in statistics; 11.4 Pure Mathematics

Chapter 12 Miscellaneous12.1 Introduction; 12.2 Obituaries and Reviews; 12.3 Demography; 12.4 The Economic Service; 12.5 The Dock Labour Inquiry; 12.6 International Housing Statistics; Notes; Bibliography; Index

## Sommario/riassunto

Arthur Lyon Bowley, the founding father of modern statistics, was an important and colorful figure and a leader in cementing the foundations of statistical methodology, including survey methodology, and of the applications of statistics to economical and social issues during the late 19th and early 20th centuries. In many respects, he was ahead of his time. The giants in this field around that time were largely concentrated in the British Isles and Scandinavian countries; among these contributors, Arthur Bowley was one of the most active in revolutionizing statistical methodology and its econo